L Number	Hits	Search Text	DB	Time stamp
1	8	kielin.xa. and plasma and ceramic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:12
8	10	("4400409"   "4515107"   "4694264"   "4841098"   "5325021"   "5399254"   "5846883"   "5968379"   "6081414"   "6124834").PN.	USPAT	2003/07/28 16:03
9	41279	heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:41
16	59911	heat near2 exchang\$3 near2 (fluid medium liquid gas vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:41
23	90249	(heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:15
30	258786	coolant or (cooling near2 (fluid medium liquid gas vapor))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:18
37	320782	((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:18
44	13601	(adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:43
51	29973	(adjust\$4 control\$4) near5 temperature near10 (energy power)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:35
58	1357	((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:35
65	581	(((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))) and (chuck susceptor support holder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:36
72	3669	(adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 17:59

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79	5319	thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/28 16:42
86	975	thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:42
93	324953	((((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:42
100	3675	(adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 ((((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:44
107	13660	(adjust\$4 control\$4) near5 temperature near10 ((((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:45
114	4628	(thermocouple or (temperature near2 sens\$3)) near10 (chuck susceptor support holder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 17:54
121	4819	(thermocouple or (temperature near2 sens\$3)) near10 (pedestal chuck susceptor support holder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:47
128	3	((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 ((((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))) and "104" and ((adjust\$4 control\$4) near5 temperature near10 (energy power))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:48
135	186	((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 ((((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))) and ((adjust\$4 control\$4) near5 temperature near10 ((((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor))) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor))) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:49

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142	11	(((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 ((((heat near2 transfer\$4 near2 (fluid medium	USPAT; US-PGPUB;	2003/07/28 17:57
		liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid	EPO; JPO;	
		medium liquid gas vapor))) (coolant or (cooling near2 (fluid	DERWENT;	
		medium liquid gas vapor)))) (thermal near2 transfer\$4 near2	IBM_TDB	
		(fluid medium liquid gas vapor)) (thermal near2 exchang\$3		
		near2 (fluid medium liquid gas vapor))))) and ((adjust\$4		
		control\$4) near5 temperature near10 ((((heat near2		
		transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2		
		exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant		
		or (cooling near2 (fluid medium liquid gas vapor)))) (thermal		
		near2 transfer\$4 near2 (fluid medium liquid gas vapor))		
		(thermal near2 exchang\$3 near2 (fluid medium liquid gas		
		vapor)))) and ((adjust\$4 control\$4) near5 temperature near10		
		(energy power))) and ((thermocouple or (temperature near2		
		sens\$3)) near10 (pedestal chuck susceptor support holder))		
149	3	6084763.URPN.	USPAT	2003/07/28 17:01
150	7	("5548470"   "5681424"   "5684669"   "5708556"   "5916689"	USPAT	2003/07/28 17:05
		"5942075"   "5997962").PN.		
151	5715	(thermopile or thermocouple or (temperature near2 (detect\$3	USPAT;	2003/07/28 18:37
	3, ,3	sens\$3 prob\$3))) near10 (chuck susceptor support holder	US-PGPUB;	
		pedestal)	EPO; JPO;	
		pedestal)	DERWENT;	
			IBM_TDB	0000/07/00 47 57
158	11	(((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate	USPAT;	2003/07/28 17:57
		speed)) near8 ((((heat near2 transfer\$4 near2 (fluid medium	US-PGPUB;	
		liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid	EPO; JPO;	
		medium liquid gas vapor))) (coolant or (cooling near2 (fluid	DERWENT;	
		medium liquid gas vapor)))) (thermal near2 transfer\$4 near2	IBM_TD8	
		(fluid medium liquid gas vapor)) (thermal near2 exchang\$3	_ · · · · · ·	
		near2 (fluid medium liquid gas vapor))))) and ((adjust\$4		
		control\$4) near5 temperature near10 ((((heat near2		
		transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2		
		exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant		
		or (cooling near2 (fluid medium liquid gas vapor)))) (thermal		
		near2 transfer\$4 near2 (fluid medium liquid gas vapor))		
		(thermal near2 exchang\$3 near2 (fluid medium liquid gas		
		vapor)))) and ((adjust\$4 control\$4) near5 temperature near10		
		(energy power))) and ((thermopile or thermocouple or		
		(temperature near2 (detect\$3 sens\$3 prob\$3))) near10		
		(chuck susceptor support holder pedestal))		
165	26149		USPAT;	2003/07/28 18:29
	20170	rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate	US-PGPUB;	
		speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol	EPO; JPO;	
			DERWENT:	
		water refrigerant ((((heat near2 transfer\$4 near2 (fluid	,	
		medium liquid gas vapor)) (heat near2 exchang\$3 near2	IBM_TDB	
		(fluid medium liquid gas vapor))) (coolant or (cooling near2		
		(fluid medium liquid gas vapor)))) (thermal near2 transfer\$4		
		near2 (fluid medium liquid gas vapor)) (thermal near2		
		exchang\$3 near2 (fluid medium liquid gas vapor)))))		
172	106175	(adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3	USPAT;	2003/07/28 18:35
=	.55,,,5	rais\$3) near5 temperature near12 (antifreeze anti-freeze	US-PGPUB;	
		glycol ethyleneglycol water refrigerant ((((heat near2	EPO; JPO;	
			DERWENT;	
		transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2		
		exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant	IBM_TDB	
		or (cooling near2 (fluid medium liquid gas vapor)))) (thermal		
		near2 transfer\$4 near2 (fluid medium liquid gas vapor))		
		(thermal near2 exchang\$3 near2 (fluid medium liquid gas		
		vapor))))		
L		vapor))))		l

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179	7753	((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate	USPAT; US-PGPUB;	2003/07/28 18:35
		speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol	EPO; JPO;	
		water refrigerant ((((heat near2 transfer\$4 near2 (fluid	DERWENT;	
		medium liquid gas vapor)) (heat near2 exchang\$3 near2	IBM_TDB	
		(fluid medium liquid gas vapor))) (coolant or (cooling near2		
		(fluid medium liquid gas vapor)))) (thermal near2 transfer\$4		
		near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) and		
		((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3		
		rais\$3) near5 temperature near12 (antifreeze anti-freeze		
		glycol ethyleneglycol water refrigerant ((((heat near2		
		transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2		
		exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant		
1		or (cooling near2 (fluid medium liquid gas vapor)))) (thermal		
		near2 transfer\$4 near2 (fluid medium liquid gas vapor))		
		(thermal near2 exchang\$3 near2 (fluid medium liquid gas		
		vapor)))))		
186	65	((thermopile or thermocouple or (temperature near2 (detect\$3	USPAT;	2003/07/28 18:37
		sens\$3 prob\$3))) near10 (chuck susceptor support holder	US-PGPUB;	
		pedestal)) and (((adjust\$4 control\$4 var\$4 increas\$3	EPO; JPO;	
		decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3	DERWENT;	
		suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze	IBM_TDB	
		glycol ethyleneglycol water refrigerant ((((heat near2		
		transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2		
		exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant		
		or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor))		
		(thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))		
		vapor)))))) and ((adjust\$4 control\$4 var\$4 increas\$3		
		decreas\$3 lower\$3 rais\$3) near5 temperature near12		
		(antifreeze anti-freeze glycol ethyleneglycol water refrigerant		
		((((heat near2 transfer\$4 near2 (fluid medium liquid gas		
	1	vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid		
		gas vapor))) (coolant or (cooling near2 (fluid medium liquid		
		gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium		
		liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid		•
		medium liquid gas vapor))))))	LICDAT	0000/07/00 40:00
193	46	(((thermopile or thermocouple or (temperature near2	USPAT;	2003/07/28 18:38
		(detect\$3 sens\$3 prob\$3))) near10 (chuck susceptor support	US-PGPUB; EPO; JPO;	
		holder pedestal)) and (((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3	DERWENT;	
		suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze	IBM_TDB	
		glycol ethyleneglycol water refrigerant ((((heat near2	15.11,_155	
		transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2		
		exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant		
		or (cooling near2 (fluid medium liquid gas vapor)))) (thermal	•	
		near2 transfer\$4 near2 (fluid medium liquid gas vapor))		
		(thermal near2 exchang\$3 near2 (fluid medium liquid gas		
	1	vapor)))))) and ((adjust\$4 control\$4 var\$4 increas\$3		
		decreas\$3 lower\$3 rais\$3) near5 temperature near12		
		(antifreeze anti-freeze glycol ethyleneglycol water refrigerant		
		((((heat near2 transfer\$4 near2 (fluid medium liquid gas		
		vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid		
		gas vapor))) (coolant or (cooling near2 (fluid medium liquid		
		gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium		
		liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))))) not (oil adj shale)		
200	9	5435379.URPN.	USPAT	2003/07/28 18:47
200	<u> </u>	OTOGOTO.OIN IV.	JUIAI	2000/01/20 10.71